

Detailed machine list

Heemskerk Fijnmechanica BV - Coenecoop 645 - 2741 PV Waddinxveen - Tel.: +31 182-64710

<u>Lathe:</u>	<u>Machine type</u>	<u>quantity</u>	<u>Bar Capacity</u>
CNC Lathe 2 axes	~ VICTOR V-turn 16	3x	Ø 40
	~ VICTOR V-turn NP16	1x	Ø 40
	~ VICTOR V-turn 20	2x	Ø 50
	~ VICTOR V-turn 26	1x	Ø 65
	~ VICTOR V-turn 36	1x	Ø 90
CNC Lathe 4 axes	~ VICTOR VT II - 23 / 60	1x	Ø 52
CNC Lathe 5 axes	~ DOOSAN PUMA 2100MS	1x	Ø 65
CNC Lathe 6 axes	~ DOOSAN LYNX 220LSYC	1x	Ø 65
CNC Lathe 7 axes	~ NAKAMURA WT-100 + robot + UR10	2x	Ø 42
CNC Lathe 8 axes	~ MURATEC MT 20 with gantry loader	1x	Ø 62
CNC Lathe 9 axes	~ NAKAMURA WT-150II	1x	Ø 65
CNC Lathe 13 axes	~ NAKAMURA Super NTY ³	1x	Ø 42
	~ NAKAMURA Super NTY ³ (1 incl. robot)	2x	Ø 65
CNC Multitasking	~ NAKAMURA MX-100 + gantry + UR5	1x	Ø 65
CNC Swiss Type Automatic Lathe	~ Star SR-20J	2x	Ø 23
CNC Milling machine	<u>Machine type</u>	<u>quantity</u>	<u>X-Y axes Travel</u>
CNC Milling machine 3-axes	~ BRIDGEPORT VMC 2000 22	1x	2000 x 800
	~ BRIDGEPORT VMC 1000 22	1x	1000 x 600
	~ BRIDGEPORT VMC 800 22	4x	800 x 600
	~ BRIDGEPORT VMC 760	1x	760 x 600
	~ BRIDGEPORT VMC 760 XP3 (1 incl UR10)	2x	760 x 600
	~ BRIDGEPORT VMC 610 XP3	2x	600 x 500
	~ Victor Vcenter P106	2x	1060 x 600
	~ GEROBOTISEERDE FREESCEL	1x	
	Victor Vcenter - AX350 + Victor 85 + robot		
	~ GEROBOTISEERDE FREESCEL	2x	600 x 500
	Bridgeport VMC 610 XP3 + Victor Vcenter- AX 350 + robot		
	Bridgeport VMC 610 XR + Victor Vcenter P76 + robot		
	~ CHIRON FZ08	1x	300 x 200
	~ Victor V-Center A130	1x	1300 x 780
CNC Milling machine 5-axes	~ OKK VP-600-5AX (2 incl. FANUC-robot)	3x	Table size: Ø 600
	~ BRIDGEPORT GX 250 5AX	1x	Table size: Ø 250
	~ Victor Vcenter - AX350 + robot UR-10	4x	Table size: Ø 350
	~ Victor Vcenter - AX380 + robot UR-10	2x	Max. opna

Miscellaneous	
Welding	Electric – Orbital – TIG – MIG/MAG (certified/sanitary-health level)
Conventional Division	Turning – Milling – Drilling – Sanding – Polishing - Jet Cabin
Robot-arm 6-axes	UR-5
CNC Automatic cutting machine	* EVERISING P-100 B * MEP spa COBRA 350 CNC FE
Metal cutting vertical bandsaw	* FUHO VBS 3612
CNC Wire EDM: wire-cut	* FANUC α 1C
CNC Sinker EDM: die-sink	* ARD M50 CA CNC
Deburring / Polishing	* ROTOFINISH
CNC Surface grinding	* FREEPORT 1000 x 500
Marking	* Richter Markingmaster.com
Washing unit	2 ultrasonic cleaning tanks - rinse tank - hot air dryer
Assembly options	(Complete) mechanical fitting assemblies according to customer specifications
Reverse Engineering	Faro Fusion with laser scanarm
3D-CAD / CAM	* 20 systems with MASTERCAM X9
Measurement	* MUTOTUYO profiel projector + databox * ETALON 3-D meetmachine * DE MEET 220 Combo model video meetmachine * Hexagon Global "S" Chrome 9.15.8 (900x1500x800); precision 1,3 µm + L/333 (18°C - 22°C)